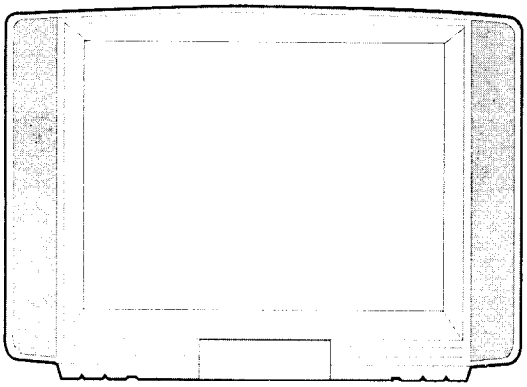
TOSHIBA



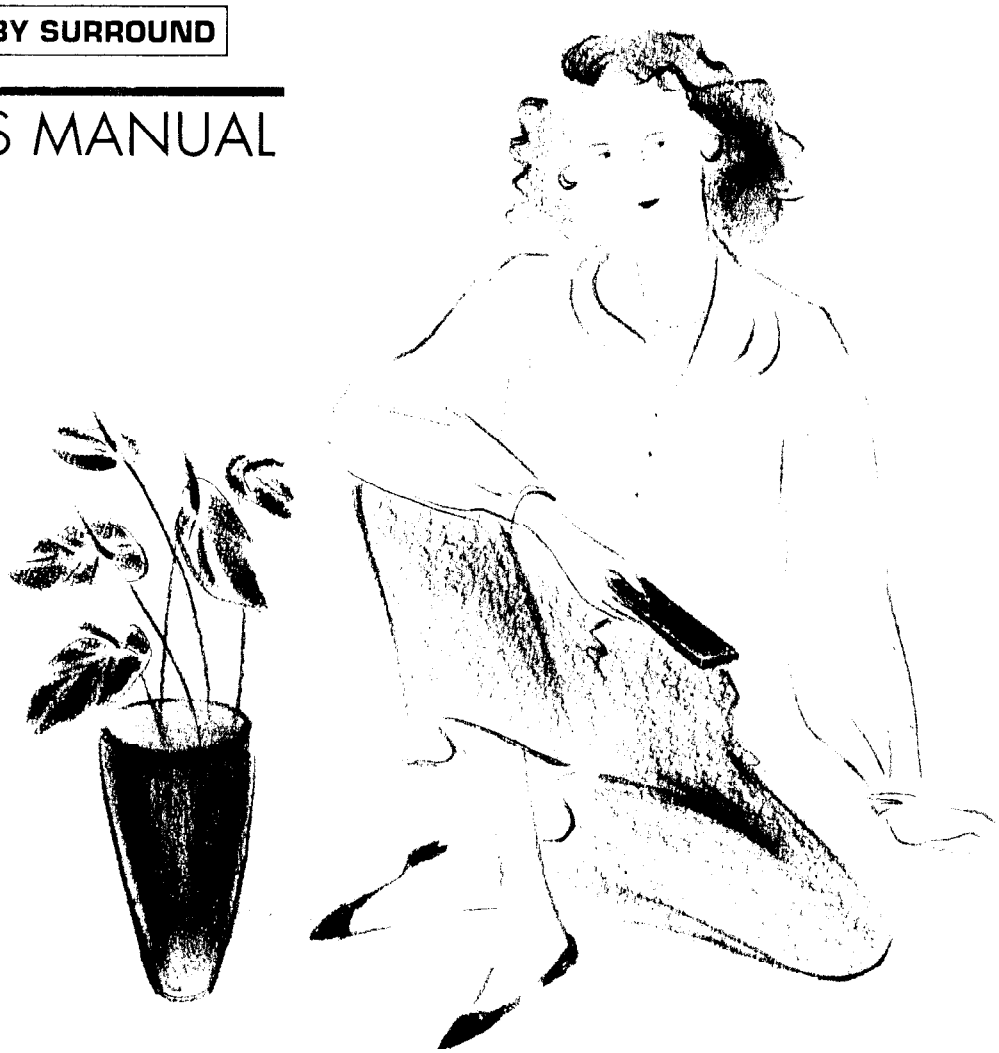
Colour Television

2527DB
2927DB
3327DB

with NICAM digital stereo

* DOLBY SURROUND

OWNERS MANUAL



TOSHIBA

You have bought a superb new colour television from Toshiba - one of the world's leading manufacturers of quality home entertainment products.

If you follow the instructions in this booklet, your TV will give you many years' trouble-free enjoyment. Please read the instructions carefully before you begin using your TV and, keep the booklet handy for future reference.

This set includes many of the latest features to bring you great pictures and sound. Do take time to read all about them to help you get the very best from your TV.

And don't forget that Toshiba also makes a range of award winning video recorders with design and features which perfectly complement our TVs.

The Toshiba Corporation

Founded in 1875, the Toshiba Corporation is now the world's seventh largest manufacturer of electronic and electrical goods.

Toshiba has made more TV tubes than any other manufacturer in the world and was the first to introduce the Flatter, Squarer Tube (FST) to the UK. FST technology, which gives sharper pictures and improved colour, has now become the standard TV format.

As well as its market-leading home entertainment products, the company has an amazing range of other business interest's, from communications satellites to nuclear and hydro-electric power plants. Toshiba equipment helps power Japan's legendary Bullet Train and the company's medical division makes body scanners and other vital life-saving equipment.

Nearly half the world's 1 mega-bit DRAM chips (the micro-chips which supply the brain power of most computerised equipment) are made by Toshiba and the company's portable lap-top computers are the world's number one best sellers.

It's this breadth of experience which helps keep Toshiba in the lead, and gives it's products the edge in technical excellence, design and reliability.

Introduction

The 2927 and 2527 models incorporate a Tube with a special external coating to reduce dust attraction. In normal conditions it will not require cleaning but if necessary only use a dry soft cloth.

Contents:

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CONNECTION

The mains supply required for this equipment is 220v to 240v 50Hz. Never connect to a DC supply or any other power source.

A plug is supplied with your television and is fitted with a 5 amp fuse. Both of these items comply with British Standards. Should the fuse need to be replaced use a 5 amp fuse approved by ASTA or BSI to BS1362.

Note: Detachable fuse covers, if fitted, must be replaced.

If the plug is not suitable for the power points in your home, we advise that you do not cut off the mains plug yourself, but consult your dealer, or qualified electrician as the fuse must be removed and the plug destroyed to prevent a safety hazard, should such a plug be inserted in a 13 amp socket.

When an alternative plug is used, it or the appropriate installation should be fused at 5 amp.

IMPORTANT: The wires in the mains lead are coloured as follows:

BROWN = LIVE (L) MUST BE CONNECTED TO THE TERMINAL MARKED WITH THE LETTER "L" OR COLOURED RED

BLUE = NEUTRAL (N) MUST BE CONNECTED TO THE TERMINAL MARKED WITH THE LETTER "N" OR COLOURED BLACK.

DO NOT CONNECT EITHER CORE TO THE EARTH TERMINAL OF THE PLUG WHICH IS MARKED BY THE LETTER 'E' OR THE SAFETY EARTH SYMBOL ⏚ .

Installation

The following describes the initial set up procedure in order to operate all of the features of your TV.

Positioning and connecting your TV:

Locate the television where direct sunlight does not impair the picture, soft and indirect lighting is recommended for comfortable viewing.

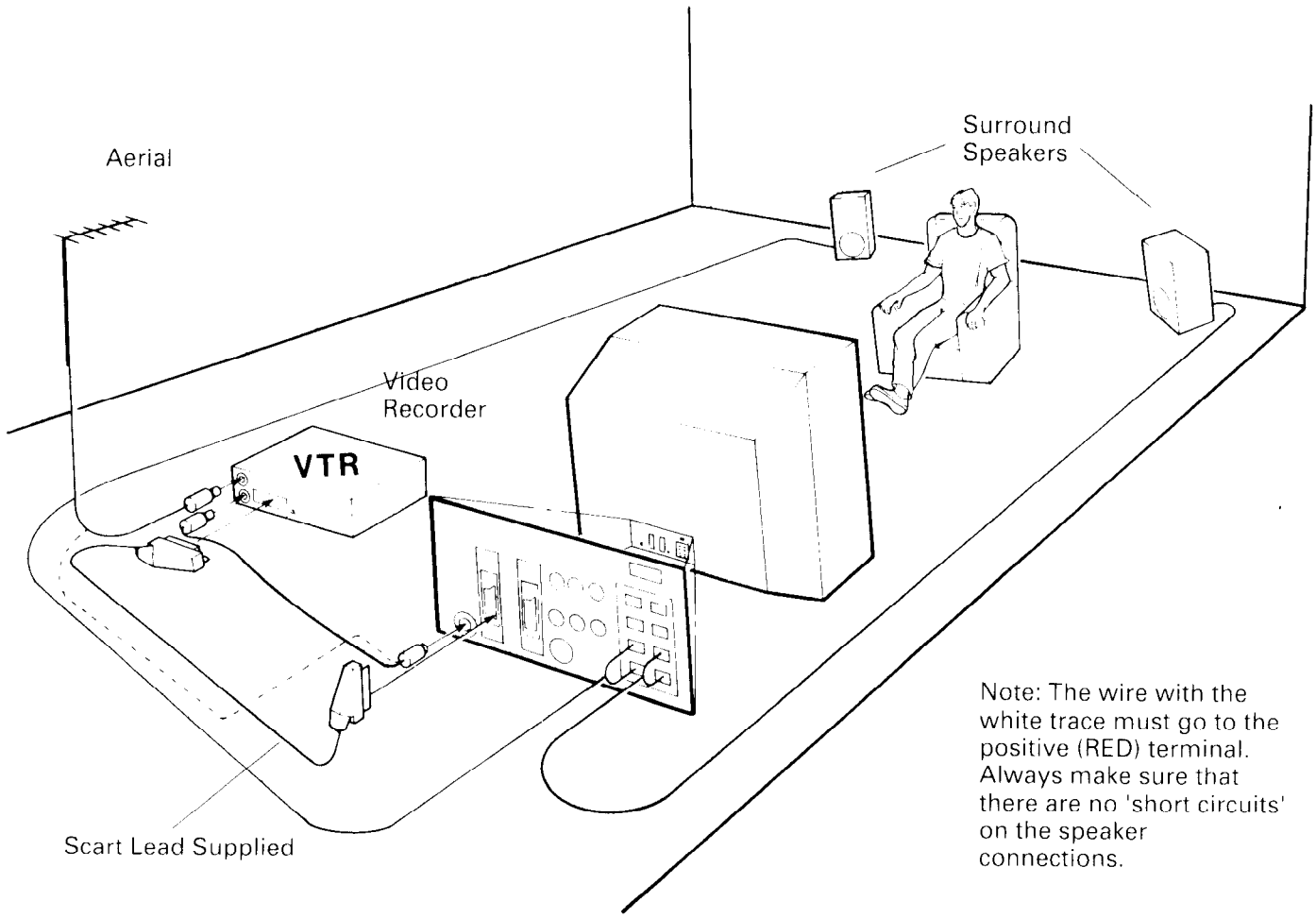
Leave enough space around the television to allow adequate ventilation and sound response.

Avoid excessively warm locations to prevent possible damage to the cabinet or components.

Do not expose to excessive moisture or humid conditions.

Surround speakers

These speakers are essential to get the Digital and Dolby surround effects from your TV. They should ideally be placed behind the normal seating area as shown. See separate fixing instruction sheet for mounting and connecting of rear speakers. The optimum mounting height being 1.5 metres from the floor.



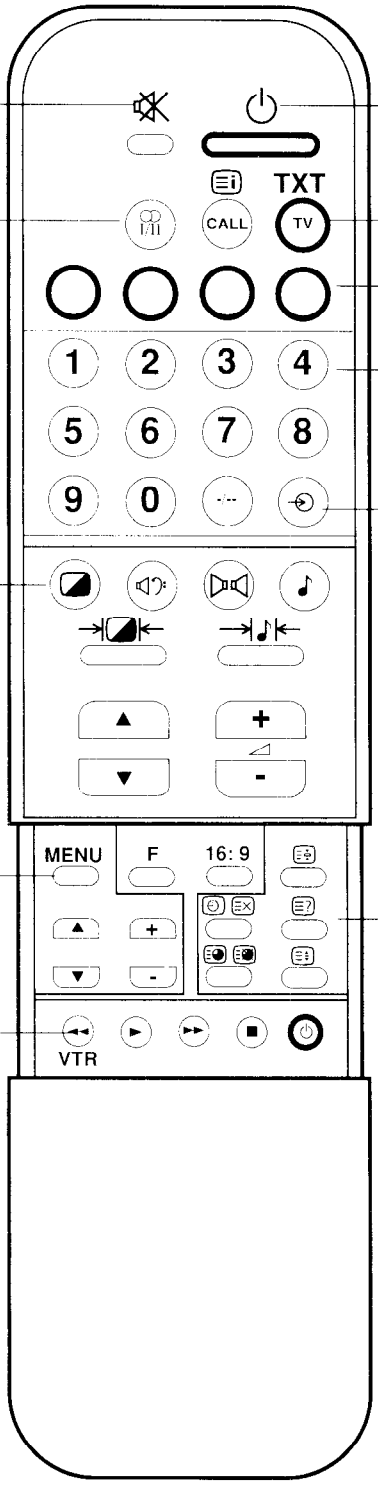
Note: The wire with the white trace must go to the positive (RED) terminal. Always make sure that there are no 'short circuits' on the speaker connections.

Always use the Scart supplied to connect your video recorder, if it has a Scart socket.

Your remote control

The illustration below is designed to show the main areas of the remote control. Individual buttons are described in the text.

Operation:



Sound Mute
Page 8

Stand-by

Nicam Stereo/
Bilingual Page 11

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Coloured Prompts
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Keypad Number Buttons

Input Selection Button
Page 22

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ages 9, 10, 12, 13, 14

Advanced Teletext
Page 18

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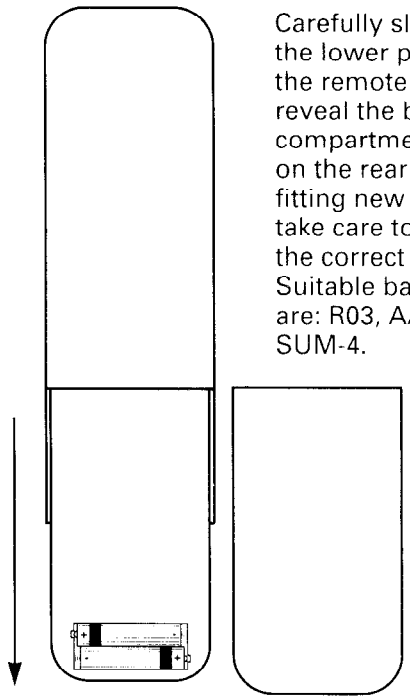
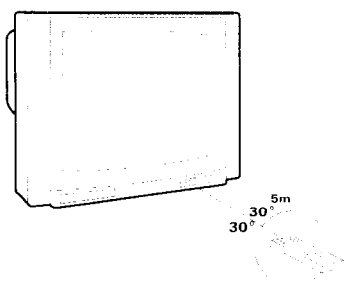
Video Recorder Buttons -
you may use these to
operate your Toshiba
Video Recorder



Carefully slide back the lower portion of the remote control to reveal the battery compartment (located on the rear). When fitting new batteries take care to observe the correct polarities. Suitable battery types are: R03, AAA, or SUM-4.

Effective Range

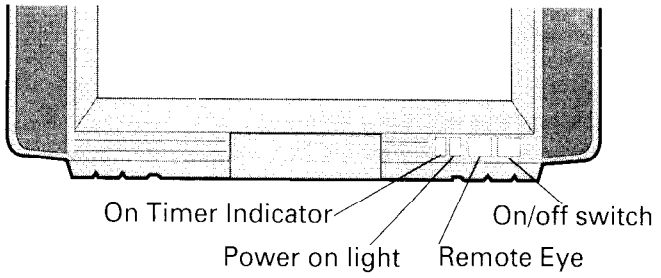


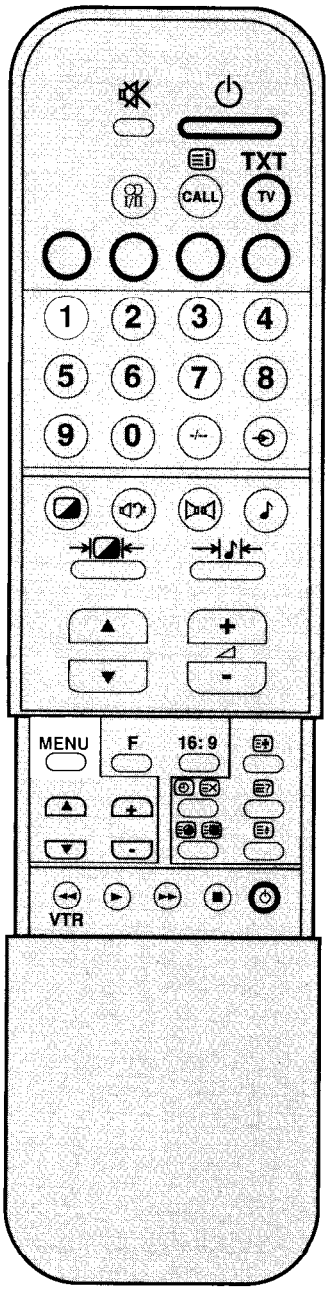
Caution:
DO NOT throw your batteries into a fire. Dispose of your batteries in a designated disposal area. **DO NOT** combine a used old battery with a new one. **DO NOT** mix battery types.

Tuning in

Due to the wide range of TV transmitters we are unable to pre-tune your TV, however, the following simple steps will take you through the process. We suggest that you tune BBC 1 to button 1, BBC 2 to button 2 and so on.

Switching on:

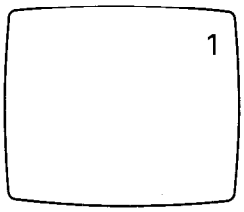




1 Press the on/off switch to turn on the TV.

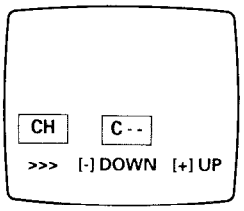
The Power-On red light will glow.

2 Press button 1 on the remote control.



3 Pull down the lower part of the remote control just enough to reveal the additional panel of buttons.

Press the MENU button repeatedly until you see the adjacent display

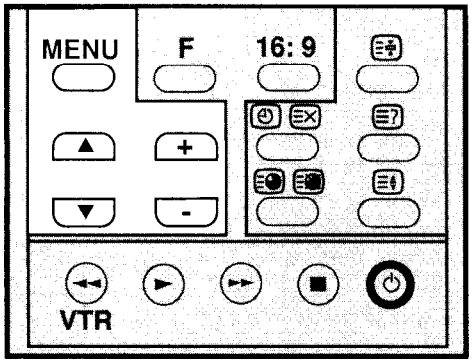


Do not worry if the display disappears, simply pressing the MENU button again recalls the display.

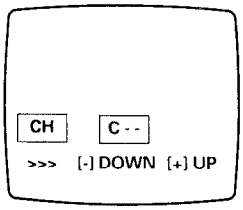
Tuning in

If the display has disappeared, simply press the MENU button once to bring it back.

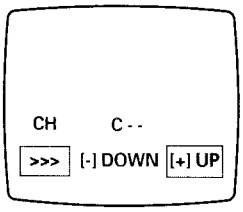
To tune in your TV:



1 With the adjacent display showing, press the ▲ button so that the >>> indicator is in red.



2 Press the + (or −) button to start the automatic search. The CH number will change as the TV searches through the available frequencies. When a station is found, it will be displayed along with the station name.



3 If this is BBC 1, simply allow the display to disappear and the station is memorised.

If this is not BBC 1 simply repeat steps 1 and 2 until the station is found.

4 For BBC 2 press button 2 on the remote control and repeat steps 1, 2 and 3.

Repeat the procedure for all the remaining stations you wish to tune in.

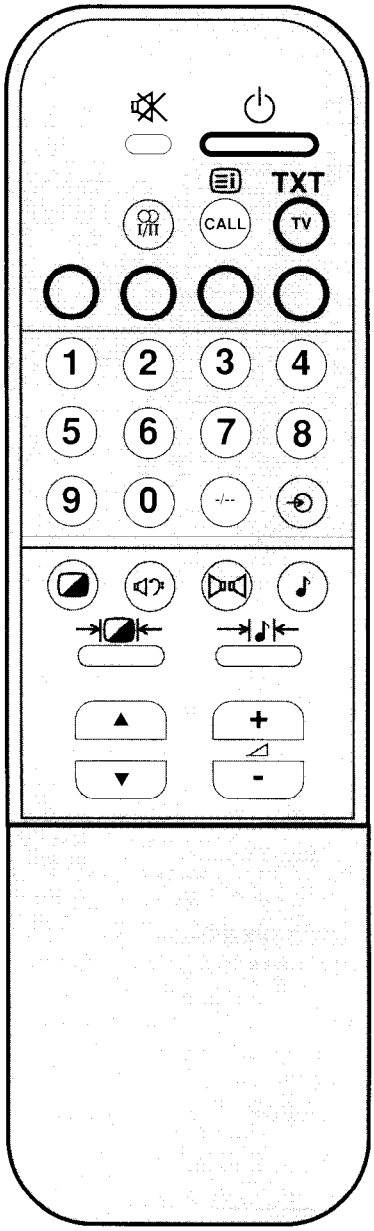
Tuning in is now complete.

Note for engineers: This TV has direct channel entry if the channel numbers are known.
Select the screen in step 1.
Enter the appropriate channel number using the remote control.
The channel is memorised when the display disappears.

Watching TV programmes

Having tuned your set, close the lower portion of the remote control.

Volume settings, changing programme positions:



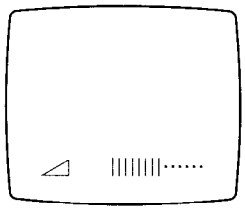
Push to close

Standby Button ⏻ :
This allows you to put the set into standby mode when leaving the TV unattended for short periods of time, or when using the 'ON TIMER' (see page 15). To return to TV mode press the ⏻ button, or any of the numbered buttons on the remote control.

To alter the volume

1 To raise or lower the volume press the [+] or [−] buttons.

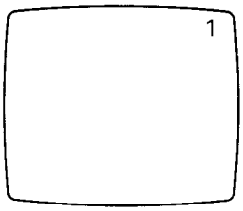
The display will show the changes.



Alternatively, press the 🔇 button to mute the sound, press again to restore.

To change programme position

1 To select a programme position press one of the numbered buttons.



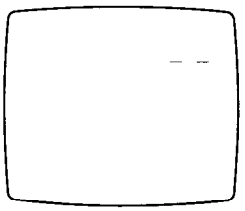
For example: To watch BBC 1 press button 1.

The programme position will be displayed in the top right corner of the screen.

Alternatively:

2 You can change the programmed position by using the [▲] button to increase the programme position by one, or the [▼] to reduce the programme position by one.

NOTE For programme positions above 9, press the -/-- button to select --. Enter the desired 2 digit programme position. Press again to revert.

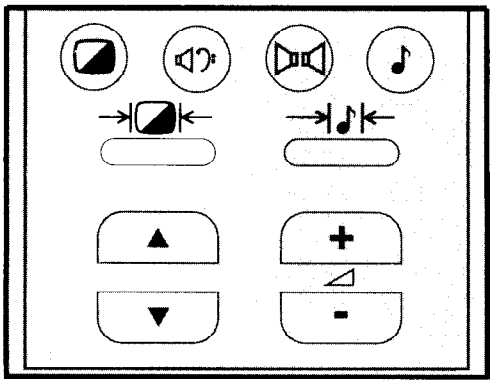


Press the CALL button to display the current programme position. Press again to cancel the display.

Selectable picture

Selectable picture allows you to change the contrast at the touch of a button.

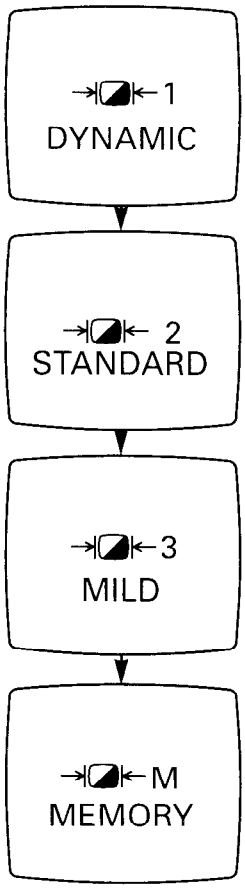
Picture adjustment:



To select the alternative picture styles

1 Press the →◪← button repeatedly to view the different picture styles available.

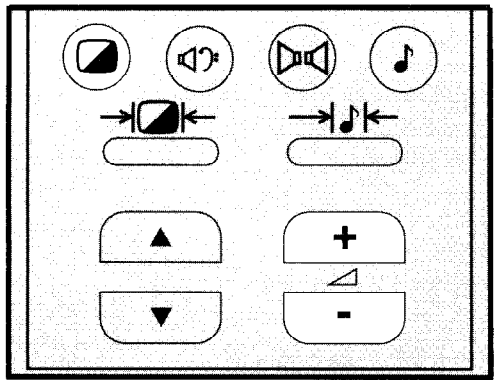
You will see four different options to complement the type of programme and room lighting. The display will change as shown.



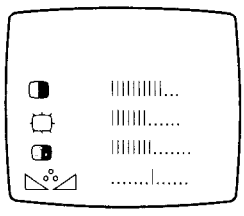
2 The memory will contain your own selection of Contrast, Brightness, Colour (and Tint) as set in steps 3 and 4.

To alter the Contrast, Brightness, Colour, Tint

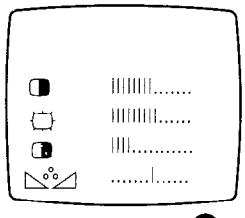
Note: Selected function is highlighted.



3 Press the button ◪ repeatedly to select between the Contrast ◨, Brightness ☐ and Colour ◨ The tint may only be adjusted on a tape which has been recorded & played back on NTSC video recorder



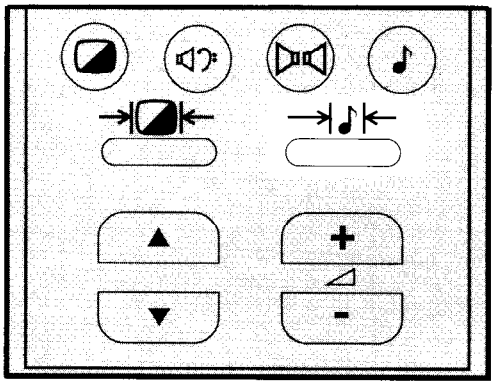
4 Use the + or − buttons to adjust the settings.



Selectable tone

Selectable tone allows you to change the treble and bass at the touch of a button.

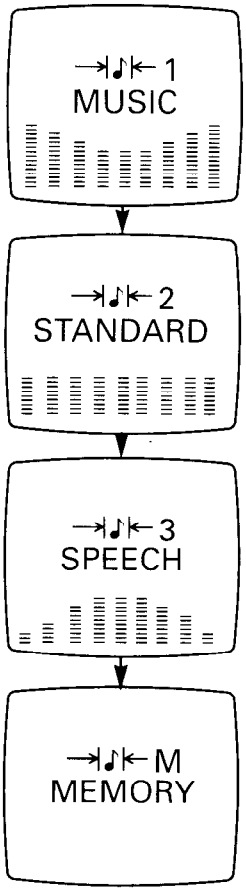
Sound adjustment:



To select the alternative tone styles

1 Press the →♪← button repeatedly to choose the tone style that is right for the mood of the programme being viewed.

Note: The frequency bars are NOT adjustable.

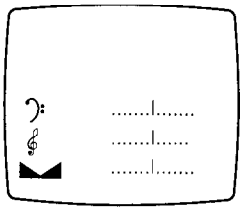


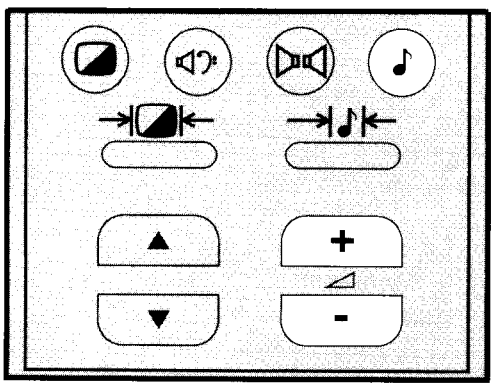
2 The memory will contain your own selection of Bass, Treble and Balance as set in steps 3 and 4 below.

To alter the Bass, Treble and Balance

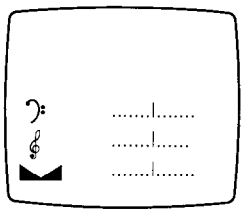
Note: Selected function is highlighted.

3 Press the ♪ button repeatedly to select between Bass 𝄢, Treble 𝄞, and balance.





4 Use the + or − buttons to adjust the settings.

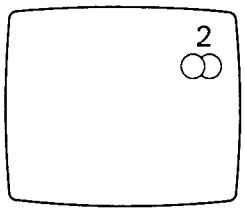


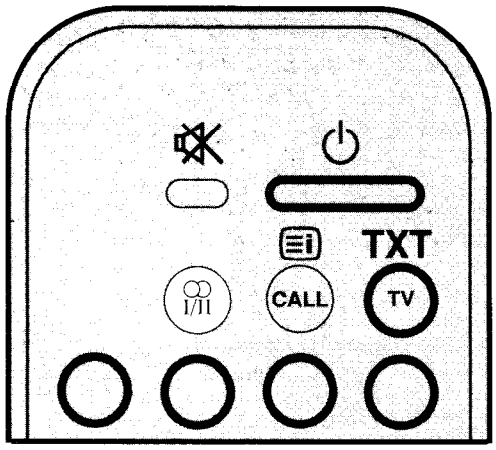
Enjoying stereo and bilingual broadcasts

This TV set is designed to receive and automatically select any Nicam transmission. The following describes Nicam stereo and bilingual mode selection using the I/II button.

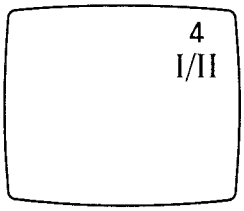
To select stereo/bilingual mode:

If Nicam broadcasts are transmitted the ⊂⊃ symbol will appear in the upper right corner of the screen whenever you change programme position. **Nicam broadcasts can be transmitted in either stereo or mono.**





Bilingual transmissions are very rare in this country. If bilingual broadcasts are transmitted the I/II symbol will be displayed.

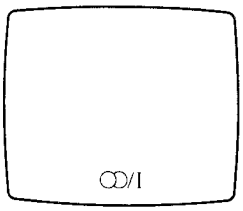


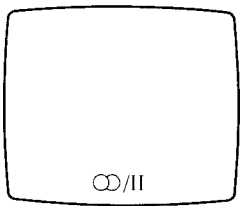
Note: For Nicam stereo information please refer to teletext TV programme pages.

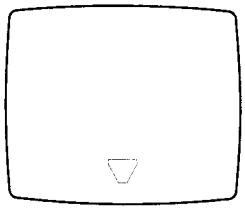
To select mode

1 Press the I/II button. The ⊂⊃/I ⊂⊃/II and ▽ appear alternately in the lower part of the screen.

Select ⊂⊃/I or ⊂⊃/II for Nicam sound, or ▽ for mono.



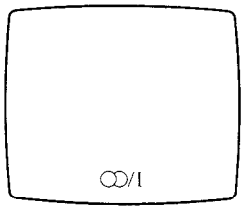




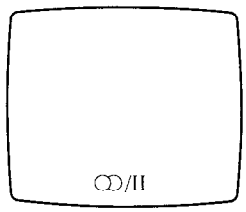
To select bilingual mode (when transmitted)

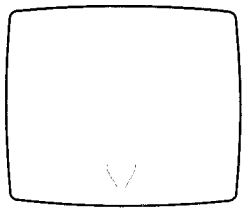
Press the I/II button.

The ⊂⊃/I ⊂⊃/II and ▽ appear alternately in the lower part of the screen.



2 Select ⊂⊃/I for language 1, ⊂⊃/II for language 2 or ▽ for normal mono.





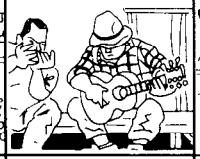
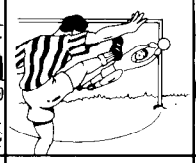
Digital surround processor

With Toshiba's 'Digital surround processor', your television can simulate various surroundings: Hall, Theatre, Disco, Stadium, Dolby surround and Pseudo surround.

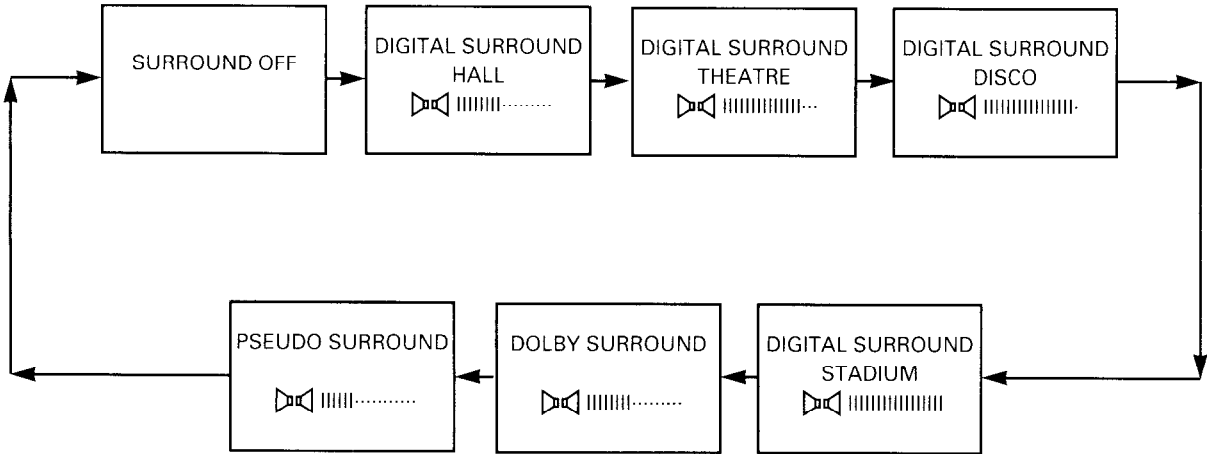
With Toshiba's Digital surround processor, various effects are available to simulate a wide range of listening environments. These are determined by the amount of echo from the surround speakers. Whatever you are watching, it's easy to choose the sound effect that will make you feel like you are right there in the concert hall, movie theatre, disco or stadium and even mono soundtracks when in pseudo mode.

The table below should help you decide which is the best setting for the programme that you are watching.

The choice is yours!

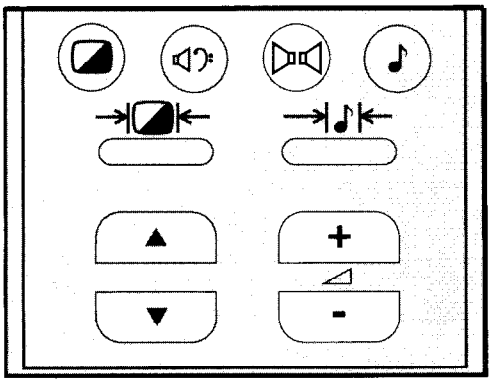
	HALL	THEATRE	DISCO	STADIUM	DOLBY	PSEUDO
SETTING						
EFFECT	A concert hall with a seating capacity of about 1500.	A movie theatre filled with a rich, warm sound.	A room so full of music that it seems to engulf the listener.	A large football or baseball stadium packed for a live game.	Playback of software encoded with Dolby surround.	A synthetic surround effect for movies and TV programmes.
APPROPRIATE SOURCES	Classical, rock, pop or folk music. Ideal for TV programmes or music video tapes.	TV programmes or movies with stereo sound.	Disco, dance or jazz music.	Any live sports occasion.	All movies or music software recorded with Dolby Surround.	Movies and TV programmes in mono.

All of these are controlled by the button on the remote control. Press this button repeatedly to experience the different sound options available.

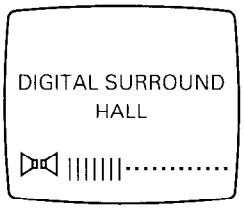


Digital surround processor

Note: Hall, Disco, Stadium and Dolby effects are only available on a stereo signal.
Pseudo surround works on both mono and stereo signals.



1 Press the button repeatedly to choose the effect which best suits the type of broadcast. For example: If you are watching a rock concert, select HALL. This will give you the effect of sitting in a concert hall with a seating capacity of about 1500 and is ideal for listening to classical, rock, pop or folk music. Also it is excellent for TV programmes or music video tapes.



2 To alter the surround level press the + or − buttons on the remote control.

3 The Super woofer is automatically selected when any of these modes are chosen at different preset levels, see page 14

Dolby surround/Super woofer

The realistic sound of the cinema is now available from your Toshiba television. This amazing 3 dimensional sound effect is available from certain broadcasts and, from any video and laser disks recorded in Dolby surround; **bear in mind that you need a stereo video recorder, connected via the scart lead provided, to obtain the effect from a video tape (which is recorded in Dolby surround).**

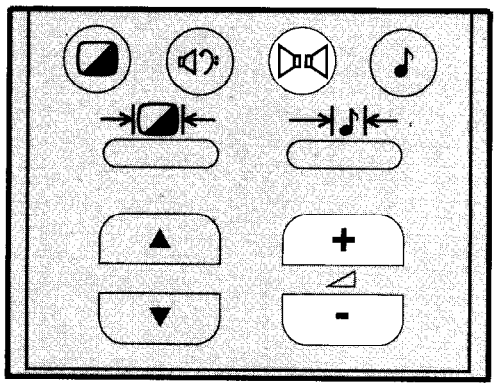
Dolby surround:

Part of the excitement of a great film in the cinema often comes from the soundtrack. Hearing thunder rumble round the auditorium, or being surrounded by the atmospheric sounds of the jungle can make all the difference to the extent that we are drawn into a film.

These effects are usually created in the cinema by Dolby stereo, a unique sound recording system which adds depth and sensitivity to a stereo sound track by projecting a surround track behind and around the audience.

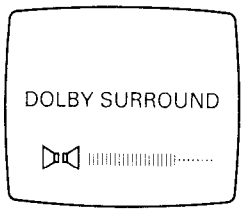
This surround track has now been used on more than 4,000 films, most of which are now available on video. It is also broadcast as part of the signal when TV companies show these feature films in Nicam stereo. But until now, ordinary TV's were unable to 'unlock' this track and play it back around and behind the viewer.

Now Toshiba brings Dolby surround (the domestic version of Dolby stereo) into your living room - letting you, the viewer, enjoy films at home just the way the director intended them to sound in the cinema.



To select Dolby surround

1 Press the button repeatedly, until the adjacent display appears.

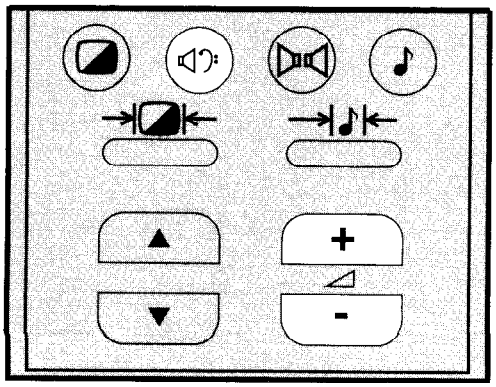


Set the desired rear speaker volume using the + or − buttons.

To set the Dolby input balance please refer to page 17.

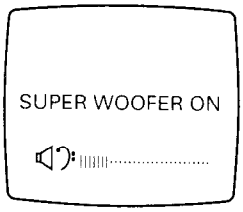
Super woofer:

The Super woofer system which has been built into your new Toshiba television will add a greater depth to the sound.



To select Super woofer

1 Press the button to select SUPER WOOFER 'ON'. Press again to turn it off.



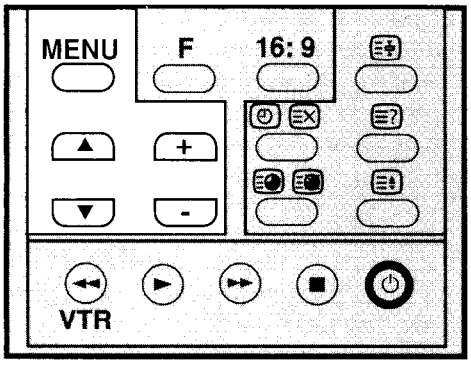
2 Press the + or − button to adjust the 'volume' level .

MENU's

Pull down the lower part of the remote control just enough to reveal the additional panel of buttons. By pressing the MENU button repeatedly you will see a set of 6 MENU's pages:

Timer, Noise Reduction, Blue Back and External AV input ⇥2 :

The Timer is especially useful if you want the television to turn itself on or off after a selected period of time. For example: If you want the set to turn itself on in 30 minutes time and watch programme 3 simply follow the procedure in steps 1 and 2. Activation of the Timer is indicated by a green warning light on the front of the TV (see page 6).



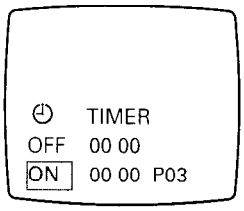
The Noise Reduction (NR) feature can improve the picture quality of a weaker signal.

The Blue Background control (BB) instructs the television set to mute the sound and switch the screen to blue when no signal is being received.

Scart 2 selects the type of video recorder to be connected to the number 2 scart socket. The [S] sets up the television for S-VHS, the [AV] sets the television for normal Audio Video.
Remember: Only connect your video recorder to Scart 1.
Note: See page 22 for connections.

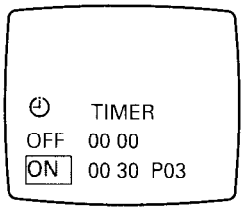
To select the Timer Menu

1 Press the MENU button to bring up the adjacent display. To select between 'ON' or 'OFF' press the ▲ (or ▼) buttons.



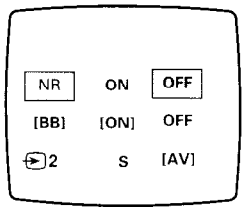
2 Use the numbered buttons to set the ON or OFF delay time, e.g. On in 30 minutes.

Note: When setting the ON time you will be required to enter the selected programme position. The set must then be put into standby mode (see page 8). **The maximum time delay is 12 hrs 59 mins.**

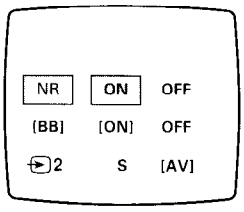


To select - NR, BB, External AV input ⇥2

1 Press the MENU button to bring up the adjacent display. Press the ▲ (or ▼) buttons to select between the options listed.



2 To turn on (or off) or select the various functions, press the + (or −) buttons.

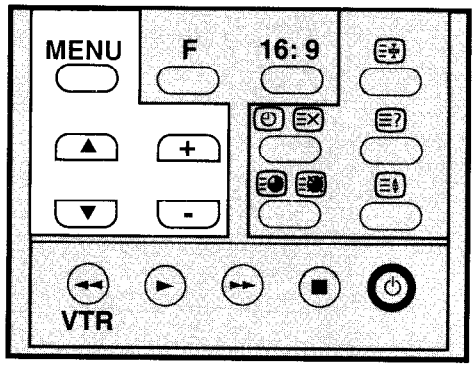


MENU's

Tuning, Channel Skip, Manual Fine Tune:

Tuning in:
The method of tuning in your TV stations is covered earlier on pages 6 and 7.

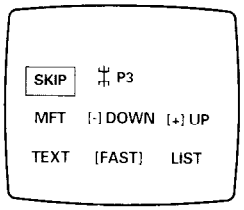
Channel Skip:
This mode enables you to skip programme positions when using the main ▲ or ▼ programme position buttons.
‡ Indicates that the current programme position will be skipped.



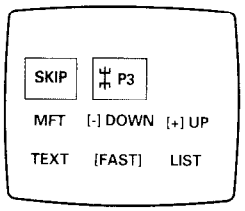
Manual Fine Tune (MFT)
Manual Fine Tune is not normally needed but will allow you to search manually, up or down to find the strongest signal.

To select SKIP

1 Select the programme position to be skipped and press the menu button repeatedly until the adjacent display appears. Press the ▲ (or ▼) button to select SKIP from the three options.

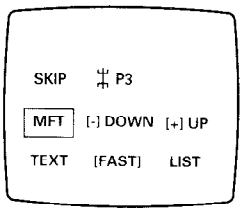


2 To turn the SKIP option on or off use the + (or −) Button.

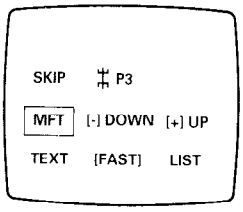


To select MFT

1 Press the MENU button repeatedly until the adjacent display appears. By pressing the ▲ or ▼ buttons you can select MFT from the three options.



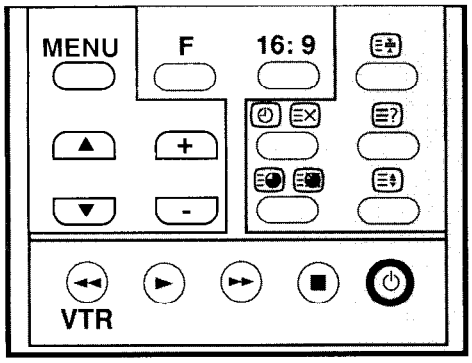
2 Press the + button to fine tune up, press the − to fine tune down.



MENU's

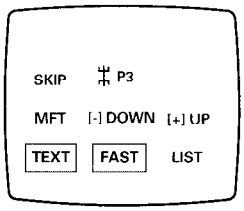
Teletext:

Teletext: The MENU button allows selection of either Fastext (Fast) or Normal Text (List). The use of these features is described on pages 19 & 20

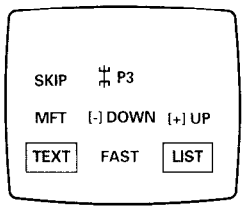


To select TEXT

1 Press the MENU button repeatedly until the adjacent display appears. By pressing the ▲ or ▼ buttons you can select TEXT from the three options.



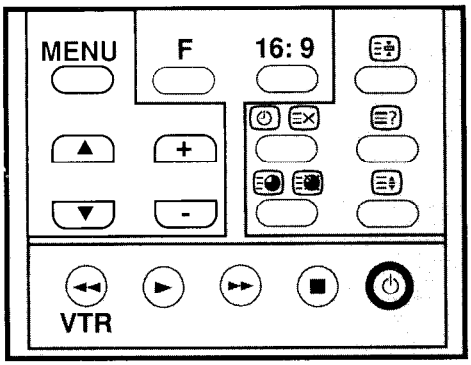
2 To change between FAST and LIST use the + button.



Height, Width, Shift and Dolby Balance:

Picture Height, Width, and Shift
These settings are all pre-set in the factory and should need no alteration. Adjustment, however, is possible if required.

NOTE: Pressing the F and 0 buttons together will return the TV to factory-set levels.



Dolby Input Balance.

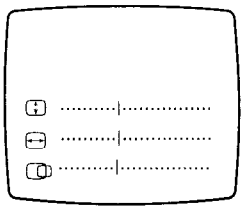
The Dolby input balance is pre-set to the centre at the factory and should need little adjustment.

No direct speech should be heard from your Dolby surround speakers. If you do notice speech from these rear speakers, whilst listening to a Dolby surround broadcast, use the input balance to minimise the effect.

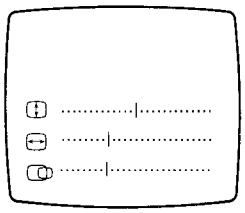
To select Height, Width, Shift

NOTE: Selected function is highlighted.

1 Press the MENU button to bring up the adjacent display. To select HEIGHT, WIDTH or SHIFT press the ▲ or ▼ buttons.

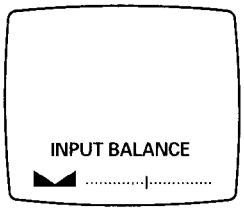


2 Press the + (or −) buttons to adjust the settings.



To set Dolby Input Balance

1 Press the MENU button until the adjacent display appears. Press the + (or −) buttons on the remote control to change the input balance.

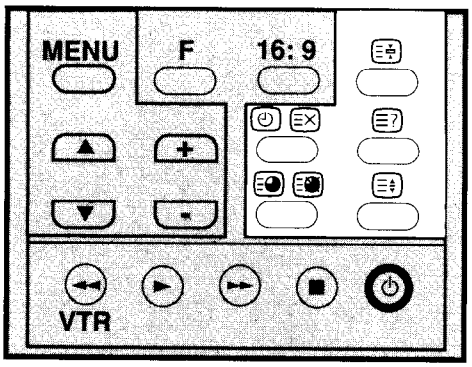


NOTE: This display does not appear in Surround Off, DSP or Pseudo modes. For further adjustment if required see page 21.

The Teletext buttons on the remote control

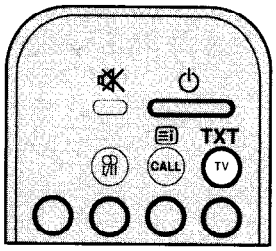
Below is a brief introduction to teletext. This page covers the buttons located in the concealed section of the remote control. The two types of text service available on your new TV are described on the next two pages.

Teletext:



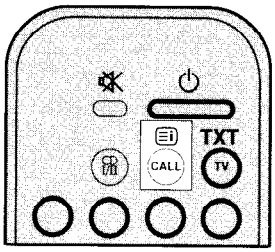
1 To display a page of Text:

Press the TV button to display the initial page. Press again to superimpose the text over a normal broadcast picture, press again to return to normal TV mode.



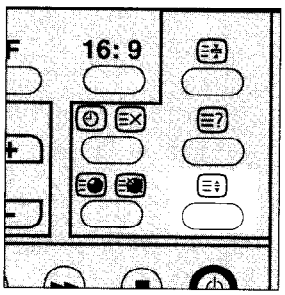
2 To display an index/ initial page:

Fastext: Press the button to call up the index page for the subject area you are viewing, press again to call up the general index page.
Teletext: Press the button to call up the initial page as set on p. 20 s. 4.



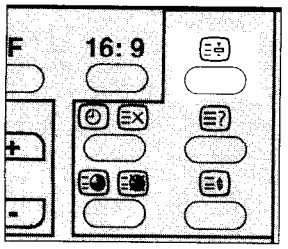
3 To enlarge the text display size:

Press the button once to enlarge the top half of the page, press again to enlarge the bottom half of the page. Press again to revert to the normal size.



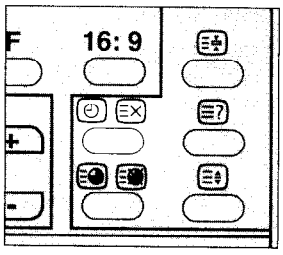
4 To hold a wanted page:

At times it is convenient to hold a page of text. Press the button and the word HOLD will appear in the top right of the screen. Press again to release.

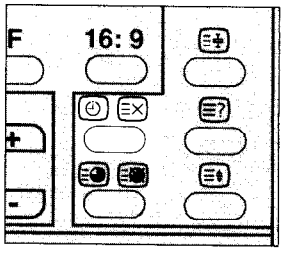


5 To select a page whilst viewing a normal picture:

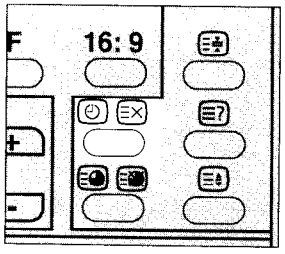
If, whilst in text mode, the button is pressed, a normal picture will be displayed. A page selection can be entered and the TV will indicate its presence by displaying a box with the selected page number. Press the TV button to view the page.



To display news flashes:
To view news flashes as they are broadcast, select the news flash page for the particular teletext service (see the index page of teletext). Press the button. The news flashes will be displayed as and when they are broadcast. Press the button to cancel the display.
Note: It will not be possible to change programme position whilst in this mode,you will have to press the TV button to cancel teletext first.

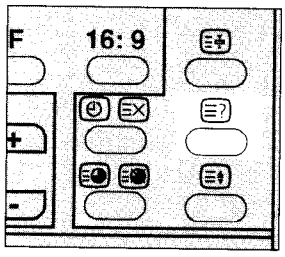


Time Display:
If you press the button whilst watching a normal TV broadcast, you will see a very accurate time display appear in the top right corner of the screen.



6 To reveal concealed text:

Some pages cover topics such as quizzes and jokes. To discover the solutions press the button.

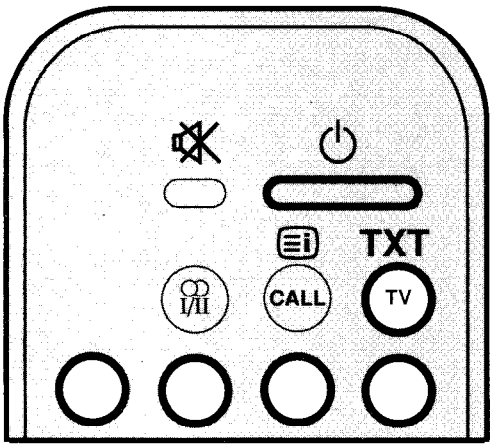


Fastext (FAST mode)

Please note: The Timed Page button ( ) has no function on this set as this service is no longer available in the UK.

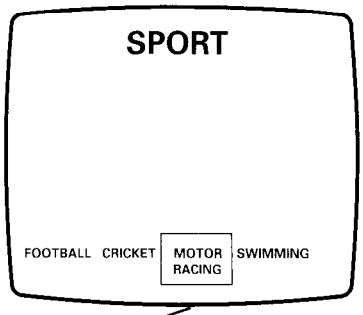
Using Fastext: As selected from the MENU options on page 17

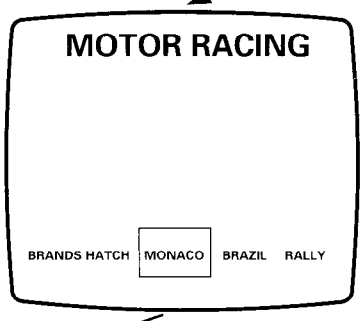
Fastext is a method of viewing teletext pages by related subjects. The subject areas are grouped by the broadcast studio so that different classifications are presented to you. This is done using coloured prompts. There are many different areas covering a wide variety of topics. To access any given topic press the relevant coloured prompt button. Fastext mode is indicated by yellow page numbers in the top left hand side of the screen along with the four coloured prompts at the bottom of the screen.



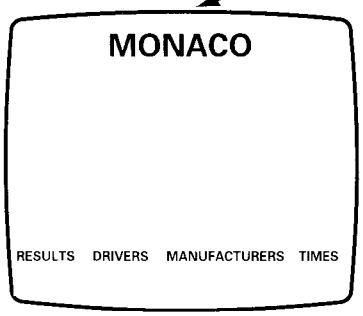
Note: A known wanted page can be directly called-up by using the numbered buttons on the remote control. To go forward one page press the ▲ button, to go back one page press the ▼ button.

1 Press the TV button to select Text mode. The subject areas are displayed along the bottom of the screen and are printed in RED, GREEN, YELLOW AND BLUE. To select one of the subject areas simply press the corresponding button on the remote control.





To select the information you want press the corresponding coloured prompt button.

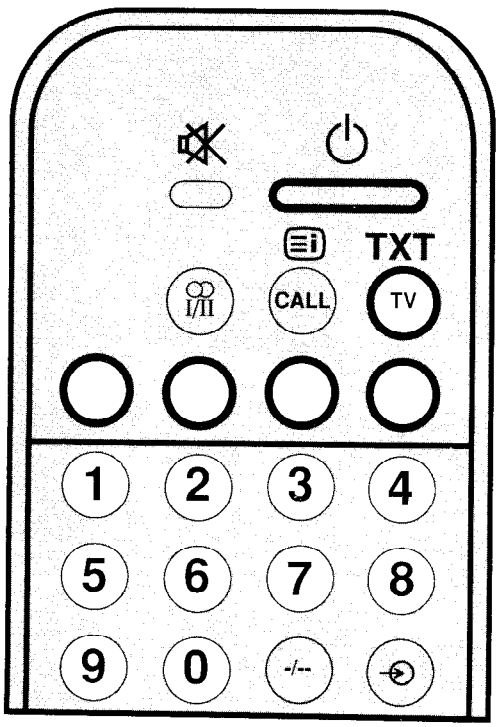


Normal text (LIST mode)

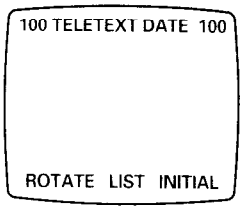
Please note: The Timed Page button ( ) has no function on this set as this service is no longer available in the UK.

Using Teletext: As selected from the MENU options on page 17

When you first select TEXT you will see an index page which briefly outlines the main subject areas and their relevant page numbers. You can access any text page by simply entering the appropriate 3 digit page number using the numbered buttons on the remote control.
A feature of this set is that you can programme up to four of the most frequently used text pages. For example: If you use teletext to see what's on TV you can programme the set to hold these pages in memory. So each day whenever you select TEXT, you will be able to view these pages almost instantly.
In addition you can programme the set to display the same page each time you switch the TV on. This could be a complete index page, a horoscope page etc.
All of these options are available for each programme position. For example: You can pre-select an initial page for the teletext service on BBC 1, a different initial page for BBC2 and so on. Similarly, you can pre-select up to four pages of text for the teletext service on BBC1 an additional four pages for BBC 2 etc.

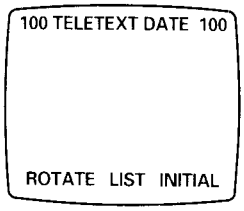


1 Press the TV button to select TEXT. Enter the required 3 digit page number using the numbered buttons on the remote control.

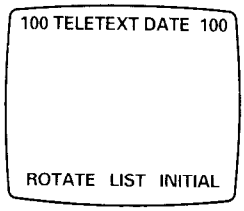


2 To programme the set to hold 4 pages in memory.
Select the LIST function by pressing the GREEN button on the remote control.

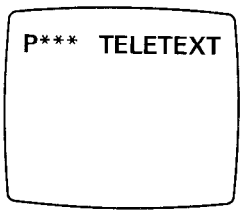
Enter the first page number and then press the green prompt button. The page number in the lower right corner of the screen will appear in purple. Repeat for each of the desired four pages.

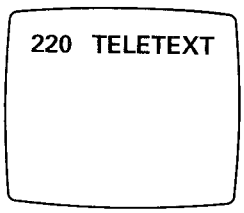


3 To view the selected pages press the RED button for ROTATE.



4 To pre-programme an initial page.
Select the INITIAL function by pressing the YELLOW coloured button on the remote control unit.
The numbers in the top left corner of the screen will appear as P*** in red. Enter the required 3 digit page number. As you key in the desired initial page, for example Page 220, the numbers will replace the P***.

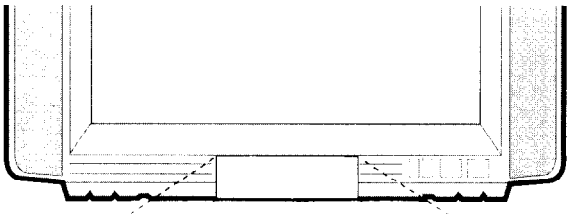




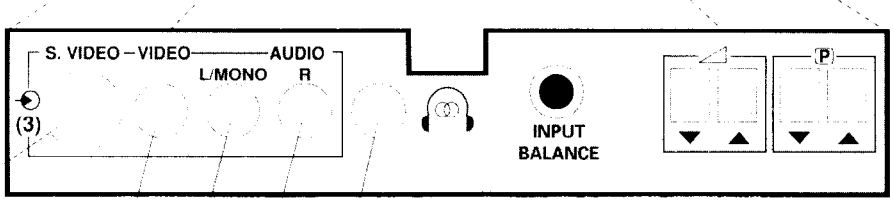
TV front

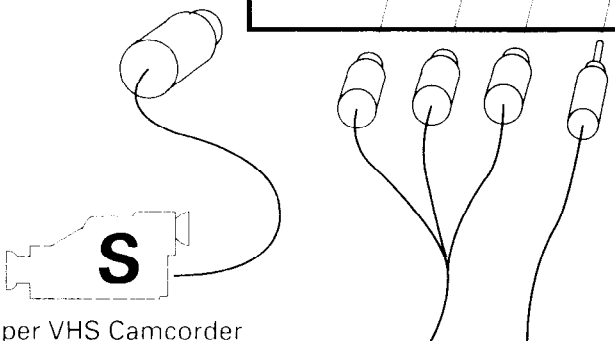
For your convenience you can now make connection of Camcorders, computer games etc. much more easily. These are accessible through the sockets on the front of the TV. These sockets are located behind the central panel below the screen. To open, simply press the centre of the panel. Do not connect equipment to both the front and rear AV ⇥3 input terminals at the same time.

Controls and connections:

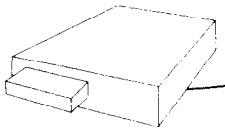


Note: It is not possible to connect Super VHS and normal equipment at the same time.



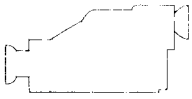


Super VHS Camcorder

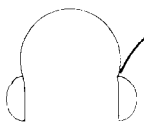


Normal or Super VHS Video tape recorder

Computer/games

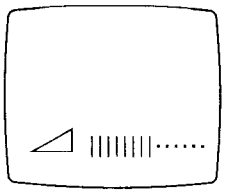


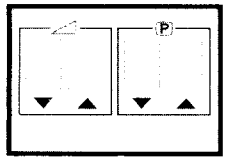
Audio-visual Camcorder



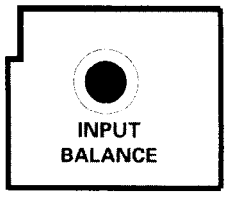
Stereo headphones

1 Whilst all the necessary adjustments and controls for your new TV are made using the remote control, you can alter the volume ◿ and programme position Ⓟ using the ▲▼ buttons on the front of the TV set. Please note: The set must be fully tuned-in to enable you to use these buttons.





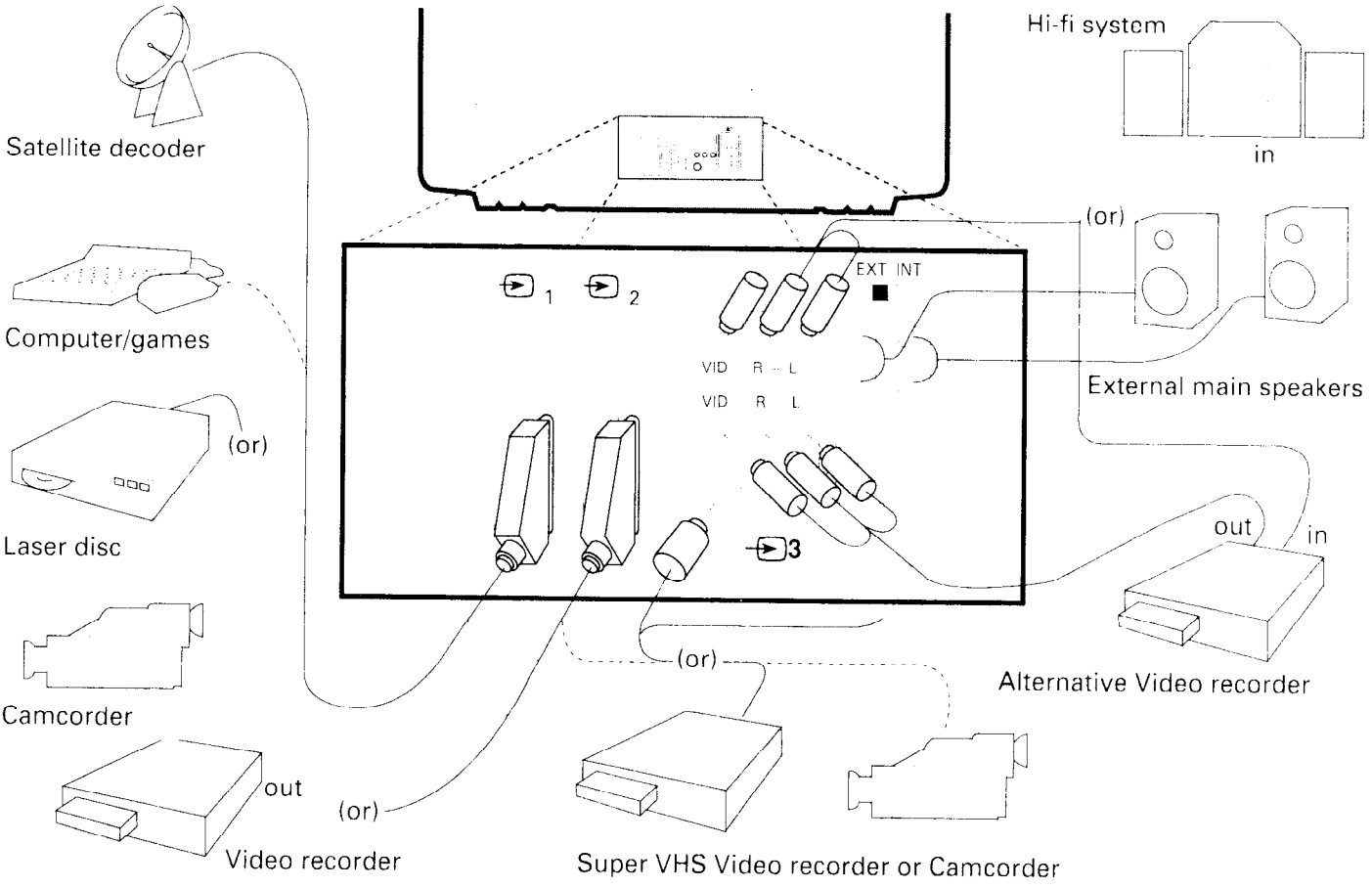
2 Dolby stereo input balance. If on page 17 you cannot cancel speech from the rear speakers use this control for further minute adjustment of the balance. This is pre-set to the centre at the factory and should need little adjustment. No direct speech should be heard from your rear speakers. If you do notice speech, use the input balance to minimise the effect.
Note: When adjusting this control there is no display on screen.

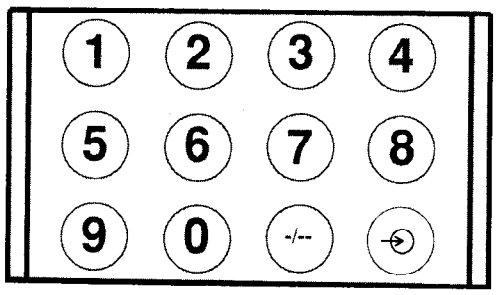


TV back

Having connected your video recorder, satellite decoder etc. as shown in the diagram below you will need to set up the TV accordingly, using the external source selection button ⊙.

Rear Connections:

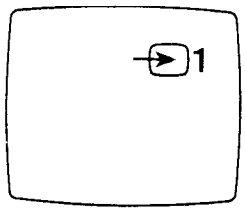




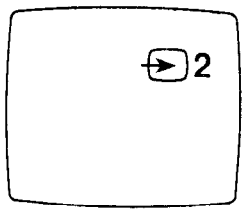
When connecting external main Hi-fi speakers of your choice, they must be 8 ohm, 10W minimum. Please Note:

1. You must set the switch to EXT and observe the correct polarity.
2. Do not use speakers from external equipment at the same time. It will cause damage.
3. When connecting external speakers always make sure that the power switch is turned off.
4. Never 'short ' the speaker cables.

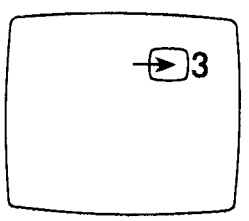
1 Press the button ⊙ to bring up the adjacent display. This will set your TV to a video connected through Scart 1.



2 Press the ⊙ button again to connect a second video recorder, laser disc player, Camcorder, computer/games or satellite decoder through Scart 2.

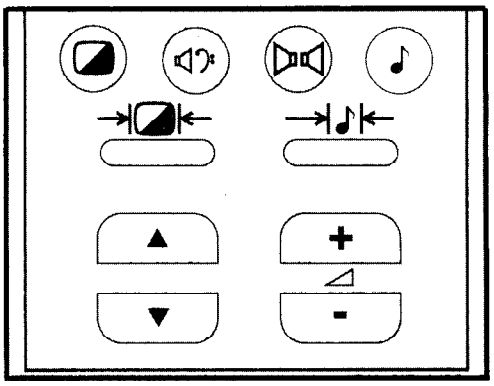


3 Press the ⊙ button again to connect a Camcorder to the front of the TV or to the Super VHS connector at the rear of the TV, use the external source button to set to input 3.



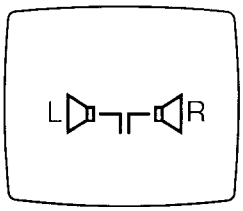
Mono selection, 16:9, specifications, accessories

Mono selection:



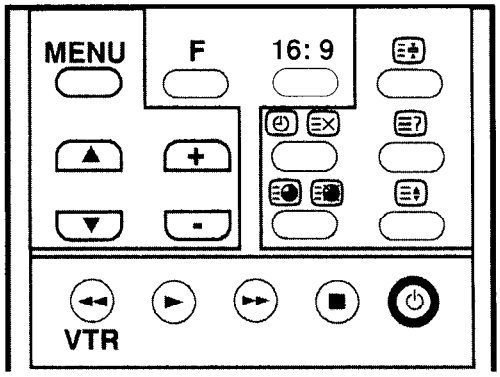
Note: Do not use DSP when in either L-L or R-R modes as it requires a stereo source.

1 If you have a mono video player, or choose to connect any other equipment using any leads other than the scart leads, you may discover that the sound only comes from one set of speakers. If this is the case press the ♪ button repeatedly to select the adjacent display.

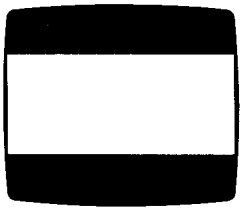


2 Press the (+) (or (−)) buttons repeatedly until you hear the sound coming from both speakers.

16:9:



1 16:9 Button. This feature has been added for future programmes transmitted in the wide screen format. The aspect ratio can be brought to size by picture compression. In this mode there are black bars at the top and bottom of the screen, press again to revert for normal transmissions.



NOTE: There could be lines outside the viewing area, this is normal.

Specifications:

Receiving system	PAL I		
Receiving channels	UHF 21-69		
External Audio-Video input/output:	PAL/NTSC (VTR playback)		
AV In/Out	⇆1 ; (Scart -1) Full -21 pin (RGB, Normal Video, Audio L-R)		
(Output; TV out)	⇆2 ; (Scart-2) Full -21 pin (RGB, Normal Video, Audio L-R)		
AV Input (Front/Rear)	⇆3 ; (4 pin S, RCA jack) Normal/S-video , Audio L-R		
AV Output	Monitor output, (RCA jack) Normal video, Audio L-R		
External Speaker Terminals	Main 2; Surround 2 (for rear speakers)		
Headphone Socket	3.5mm Stereo		
Sound output (at 10% distortion)	Main: 8W + 8W, Super Woofer: 13W, Rear: 5W + 5W		
	(Model 2527)	(Model 2927)	(Model 3327)
Visible Picture*	59 cm	68 cm	80 cm
Dimensions	712 mm (W) 530 mm (H) 483 mm (D)	800 mm (W) 589 mm (H) 510 mm (D)	932 mm (W) 685 mm (H) 561 mm (D)
Power consumption (at AC 220 240V 50Hz)	169W	179W	185W
Weight	30.5 Kg	41.0 Kg	59.0 Kg

* Measured Diagonally

Accessories:

1 Stand
2 Surround speakers
2 Cables for Surround speakers
1 Remote control
2 (RO3,AAA) batteries
1 Scart lead

For your guidance

Safety tips:

SOME DO'S AND DON'TS ON THE SAFE USE OF EQUIPMENT. PLEASE READ THE FOLLOWING POINTS CAREFULLY. THEY ARE OF A GENERAL NATURE, INTENDED TO HELP YOU WITH ALL YOUR ELECTRONIC CONSUMER PRODUCTS. SOME ITEMS MAY NOT APPLY TO THE GOODS YOU HAVE JUST PURCHASED.
This equipment has been designed and manufactured to meet international safety standards, but like any electrical equipment, care must be taken if you are to obtain the best results and safety is to be assured.

DO read the operating instructions before you attempt to use the equipment.
DO ensure that all electrical connections, including the mains plug, extension leads and inter connections, between pieces of equipment, are properly made and in accordance with the manufacturers instructions. Switch off and withdraw the mains plug when making or changing connections.
DO be careful with glass panels or doors on equipment.
DON'T continue to operate the equipment if you are in any doubt about it working normally, or it is damaged in any way - switch off, withdraw the mains plug and consult your dealer.
DON'T remove any fixed cover as this may expose dangerous voltages.
DON'T leave equipment switched on when it is unattended, unless it is specifically stated that it is designed for unattended operation or has a standby mode. Switch off using the switch on the equipment and make sure your family know how to do this. Special arrangements may need to be made for infirm or handicapped people.
DON'T use equipment such as personal stereos or radios so that you are distracted from the requirements of traffic safety. It is illegal to watch television whilst driving.
DON'T listen to headphones at high volume, as such use can permanently damage your hearing.
DON'T obstruct the ventilation of the equipment for example, with curtains or soft furnishings. Overheating will cause damage and shorten the life of the equipment.
DON'T use makeshift stands and NEVER fix legs with wood screws - to ensure complete safety always fit the manufacturer's approved stand or legs with the fixings provided, according to the instructions.
DON'T allow electrical equipment to be exposed to rain or moisture. ABOVE ALL - NEVER let anyone, especially children, push anything into holes, slots or any other openings in the case - this could result in a fatal electric shock - NEVER guess or take chances with electrical equipment of any kind - it is better to be safe than sorry.

Simple problem solving:

A SELF HELP GUIDE FOR SIMPLE PROBLEM SOLVING

No Picture or Sound.
Check mains switches are on, press ⏻. Plug into a known working mains socket. 'Timer off' facility has operated.

Poor or no Picture.
Try a different TV station, check your aerial and connections. Adjust fine tuning.

Good picture but no sound.
Press 🔇 or press ◿ (+). Check that the External Main speaker switch is in the INT position.

Blue Screen.
The set senses a 'no signal' condition, check the aerial connection, switch to a different programme position or confirm that there is no transmitted signal using another TV or check with a neighbour.

If you have problems with Teletext.
Go to the main index page of the teletext service and look for the User Guide. This will explain the basic operation of teletext in some detail.

No Dolby Surround Sound
If you are unable to obtain surround sound effects from the rear speakers whilst playing a Dolby video tape, check that the video recorder is a stereo unit and that the direct left and right audio signals are input to the TV by means of either the 21-pin sockets or the phono "Video 3" sockets.

Remote Control does not work.
Check the batteries.

Coloured patches on screen.
Caused by magnetic field interference, turn off TV for 10 minutes, turn on again, fault of temporary nature.

VTR or Satellite picture in Black and White.
Ensure the correct input socket is being used and that the socket is not switched to S-VHS.

* Manufactured under license from Dolby Laboratories Licensing Corporation. Dolby and the double-D symbol are trademarks of the Dolby Laboratories Licensing Corporation.

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Specification is subject to change without notice.